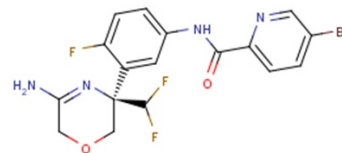


BACE-1 inhibitor 1

Chemical Properties

CAS No.:	1262858-14-9
Formula:	C ₁₇ H ₁₄ BrF ₃ N ₄ O ₂
Molecular Weight:	443.22
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	BACE-1 inhibitor 1 (Compound 8a) is an effective BACE-1 inhibitor (IC ₅₀ : 56 nM).
Targets(IC ₅₀)	BACE-1: 56 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.256 mL	11.281 mL	22.562 mL
5 mM	0.451 mL	2.256 mL	4.512 mL
10 mM	0.226 mL	1.128 mL	2.256 mL
50 mM	0.045 mL	0.226 mL	0.451 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Veenstra SJ, et al. Discovery of amino-1,4-oxazines as potent BACE-1 inhibitors. Bioorg Med Chem Lett. 2018 Jul 1;28(12):2195-2200.

Inhibitors · Natural Compounds · Compound Libraries

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